





U.S. UTILITY Patent Application

	it application.	
NAP O.I.P.E.	PATENT DA	TE - 1- Transparie
$1/\sqrt{2}$		*
	On A	•
SCANNED Q.A.	9/10-	•
	Trans. It	

-			·	18. A. S.	
<b>APPLICATION NO.</b> 09/575638	CONT/PRIOR D	<b>CLASS</b> 435	SUBCLASS	AFFUNIT 165T	EXAMINER Buga is ky.
Whise Laffe Vasentha Na Charles Na	lagarajan			04/449	404-6.73.
Bioconvers a single m	ion of a Microorgan	fermenta ism	able carbo	n source t	o 1,3-propanediol by
E					PTO-2040

		ISSUING C	LASSI	FICATIO	)N°		
ORIGII					EFERENCE(S)		- 15.55% - 15.55%
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)				
		<b></b>					
INTERNATION	AL CLASSIFICATION						
<del>                                     </del>							
		J		ļ			
		,		<u> </u>	· .		
		,———					
				⊔.	Continued on Issue Slip	Inside File Ja	acket

TERMINAL DISCLAIMER	DRAWINGS			CLAIMS ALLOWED		
	Sheets Drwg.	Figs. Drwg.	Print Fig.	Total Claims	Print Claim for O.G	
The term of this patent subsequent to(date)	in-			NOTICE OF ALL	OWANCE MAILED	
has been disclaimed.	(Assistant I	Examiner)	(Date)			
The term of this patent shall not extend beyond the expiration date				· 		
of U.S Patent, No	•			ISSL	JE FEE	
			.	Amount Due	Date Paid	
	(Primary E	xaminer)	(Date)		•	
The terminalmonths of this patent have been disclaimed.				ISSUE BATCH NUMBER		
patent nave eten discialined.	· (Legal Instrume	nts Examiner)	(Date)			
VARNING: The information disclosed herein may be rest Possession outside the U.S. Patent & Tradem	ricted. Unauthorized c ark Office is restricted	isclosure may be p	rohibited by the U	nited States Code Title 35	, Sections 122, 181 and 368	
rm PTO-436A sv. 8/99)	The is resulted		FILED WITH:	DISK (CRF)	FICHE CD-ROI	